Alberta Crane Certification

Crane Certification Alberta - The Crane Certification training program consists of content suggested by industry concerning the safe and efficient operation of cranes. Individuals training would know the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and requirements specific to the work place where the trainees will be working.

The requirements which should be carried out prior to operating a crane like for instance assigning authority for the pre-operational check; doing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the work area for hazards and obstacles; checking the log book for comments; inspecting cables, hooks, chains safety latches and crane movement; making certain of the proper functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is properly functioning.

Operational requirements include identifying responsibilities and roles, and determining the need for a formal lift plan. People training would learn how to carry out a danger assessment associated to environmental circumstances, physical circumstances and workers. Subject matter consists of determining when to seek competent assistance, the destination of loads and the safest route, and load weight and centre of gravity.

Trainees should be able to identify an over-capacity lift, in addition to be able to choose appropriate rigging equipment, select load limitations, and to determine the safe position for the crane to work from. Trainees would review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Right maintenance habits would be included.

The individuals training will undergo an examination to test their understanding of emergency response techniques for different circumstances, specially electrical or mechanical failures. They would be asked to describe shut down and parking procedures for security and safety, to follow lock out and tagging techniques, and to explain why near misses are recorded and reported to the appropriate person. Log book records must be maintained.

People training would develop knowledge of rigging, in particular, establishing who has authority and responsibility for rigging, identifying various types of rigging, knowing storage procedures and load capacity ratings.

The requirements following operation of the crane would be taught too, learning to enter the deficiencies and defects; and to log the history of maintenance and service records, based on the federal, state and provincial codes requirements.

Moreover, we incorporate site-specific needs to meet the employers requirements into our crane certification training program.